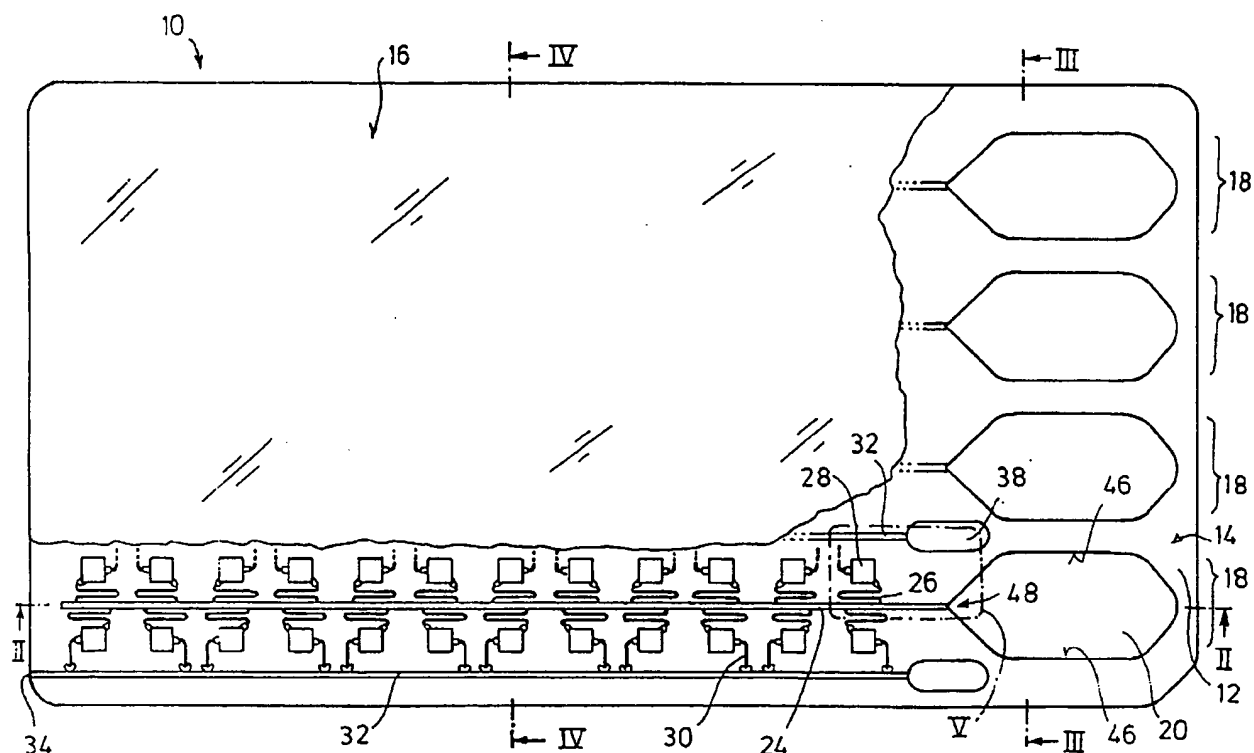




(86) Date de dépôt PCT/PCT Filing Date: 1999/03/11
(87) Date publication PCT/PCT Publication Date: 1999/09/16
(45) Date de délivrance/Issue Date: 2005/03/08
(85) Entrée phase nationale/National Entry: 2000/09/11
(86) N° demande PCT/PCT Application No.: EP 1999/001607
(87) N° publication PCT/PCT Publication No.: 1999/046045
(30) Priorités/Priorities: 1998/03/11 (198 10 499.5) DE;
1999/01/21 (199 02 309.3) DE

(51) Cl.Int.⁶/Int.Cl.⁶ B01L 3/00
(72) Inventeurs/Inventors:
PETERS, RALF-PETER, DE;
UNAL, NEZIH, DE;
OSTERLOH, DIRK KLAUS, DE;
BACKES, HERBERT, DE
(73) Propriétaires/Owners:
MERLIN GESELLSCHAFT FUR MIKROBIOLOGISCHE
DIAGNOSTIKA MBH, DE;
STEAG MICROPARTS GMBH, DE
(74) Agent: OYEN WIGGS GREEN & MUTALA

(54) Titre : PORTE-ECHANTILLON
(54) Title: SAMPLE SUPPORT



(57) Abrégé/Abstract:

The invention relates to a sample support comprising at least one sample chamber for receiving a sample fluid, and a distribution channel for sample fluid which is connected with the at least one sample chamber. At least one distribution channel extends from each sample chamber. The sample support further comprises at least one reaction chamber into which a supply channel branching off the at least one distribution channel discharges, as well as a ventilation opening for each reaction chamber. The dimensions of each distribution channel and each supply channel are such that the fluid is transported through the distribution and supply channels by way of capillary forces. In each reaction chamber a device for generating a capillary force is positioned in the area of discharge of the supply channel to ensure that the sample fluid flows from the supply channel into the reaction chamber.